



TENNESSEE
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STATISTICS
SERVICE

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TENNESSEE WEEKLY WEATHER AND CROP BULLETIN



Released Weekly April - November

2000 Weather Crop 9

Issued 3:00 P.M. , CDT 05/30/00

Week Ending May 28, 2000

WET WEEK FOR TENNESSEE FARMERS

A series of upper level disturbances brought showers and thunderstorms to much of the State last week resulting in only 3 days suitable for field work. Rainfall amounts averaged above normal statewide, with some areas of Middle Tennessee picking up over six inches of rain. The rainfall was welcomed in most areas, even though wet field conditions brought most field activities to a halt during the latter part of the week. Some locations also reported damage to newly planted crops and wheat due to the heavy rains. With early forecasts calling for mostly dry weather across the State this week, farmers hope to get planting and hay harvest back on track. As of Sunday, 90 percent of the State's cotton acreage had been planted, behind both last year and the five-year average. Thrips are becoming a major problem in many areas, forcing producers to spray numerous times. Despite the insect problem, 68 percent of the crop was rated in good-to-excellent condition. The majority of the State's other row crops were also rated in good-to-excellent condition. As of Friday, topsoil moisture levels were rated 1 percent very short, 7 percent short, 69 percent adequate, and 23 percent surplus. Subsoil moisture levels were rated 2 percent very short, 12 percent short, 77 percent adequate, and 9 percent surplus.

CROP PROGRESS: Through May 28, 2000

CROP CONDITION: On May 26, 2000

| Crop | This Week | Last Week | 1999 | Five Year Avg. | Crop | Very Poor | Poor | Fair | Good | Exc |
|------------------------------|-----------|-----------|------|----------------|----------|-----------|------|------|------|-----|
| Percent | | | | | Percent | | | | | |
| Corn - Emerged | 94 | 86 | 97 | N/A | Corn | 2 | 5 | 17 | 57 | 19 |
| Soybeans - Planted | 31 | 20 | 41 | 30 | Soybeans | 0 | 0 | 14 | 62 | 24 |
| Soybeans - Emerged | 20 | 8 | 20 | N/A | Tobacco | 0 | 1 | 15 | 72 | 12 |
| Tobacco - Transplanted | 56 | 47 | 64 | 54 | Cotton | 1 | 4 | 27 | 50 | 18 |
| Cotton - Planted | 90 | 82 | 99 | 97 | Pastures | 1 | 5 | 27 | 54 | 13 |
| Alfalfa Hay - First Cutting | 75 | 68 | 86 | 77 | Wheat | 2 | 9 | 22 | 49 | 18 |
| Other Hay - First Cutting | 64 | 55 | 65 | N/A | | | | | | |
| Winter Wheat - Turning Color | 90 | 48 | 79 | 64 | | | | | | |
| Winter Wheat - Ripe | 4 | N/A | 9 | 6 | | | | | | |

CORN: As of Sunday, the majority of the crop was rated in good-to-excellent condition. Virtually all of the acreage has been seeded, but a few growers continue to plant river bottom land in between showers. Armyworms have been reported in a number of Tennessee corn fields.

SOYBEANS: With corn and cotton planting virtually complete, farmers are now turning their attention to soybean planting. Despite the weather, an additional 11 percent was planted last week, behind last year but in line with the five-year average. The majority of the crop is rated in good-to-excellent condition.

TOBACCO: Only an additional 9 percent was transplanted last week due to the almost daily showers and thunderstorms. Localized heavy rains drowned out some low lying fields.

COTTON: Growers hope to complete planting this week if the weather cooperates. Thrips are a major problem in many areas and producers are busy applying insecticides.

WHEAT: Crop conditions continue to deteriorate as disease and weather take a toll on the crop; still the majority of the acreage is rated good-to-fair condition. Some lodging was reported due to last week's thunderstorms. Four percent of the crop is ripe and harvest should begin within the next couple weeks.

PASTURES & HAY: Rain hampered hay harvest last week, with some cut hay getting rained on numerous times. As of Sunday, 75 percent of the alfalfa and 64 percent of all other hay had been harvested. Pastures were rated in mostly good-to-fair condition.

| TEMPERATURES AND PRECIPITATION For week ending: 05/28/00 (with comparisons) | | | | | | | | | | |
|--|-------------------------|----|-----|-----|-----------------|------|------------------|----------------|---------------|------|
| LOCATION | TEMPERATURE | | | | PRECIPITATION | | | | GDD BASE 60F | |
| | Week Ending 05/28/00 | | | | Current Week | Rain | Current | Departure | Since April 1 | |
| | HI | LO | AVG | DFN | 05/28/00 | Days | Since April 1 | From Normal | Total | DFN |
| Ames_Plantation | 88 | 56 | 75 | +5 | 1.29 | 3 | 8.52 | -1.73 | 389 | +22 |
| Bristol | 85 | 52 | 68 | +2 | 2.17 | 6 | 6.11 | -0.68 | 236 | +78 |
| Brownsville_TN | 87 | 60 | 76 | +4 | 2.18 | 6 | 10.58 | +0.19 | 385 | +136 |
| Chattanooga | 90 | 59 | 75 | +6 | 0.92 | 5 | 10.03 | +1.77 | 441 | +165 |
| Clarksville_Sew | 87 | 54 | 72 | +4 | 6.39 | 6 | 16.02 | +7.69 | 366 | +93 |
| Cookeville | 86 | 53 | 69 | +2 | 4.26 | 7 | 13.92 | +4.33 | 241 | +125 |
| Covington | 89 | 59 | 75 | +5 | 2.16 | 5 | 11.15 | +0.78 | 395 | +54 |
| Crossville_AP | 82 | 53 | 68 | +4 | 3.24 | 6 | 11.40 | +1.92 | 243 | +88 |
| Dickson_AG | 85 | 49 | 71 | +2 | 3.78 | 5 | 11.54 | +1.86 | 295 | +7 |
| Dover_1W | 85 | 52 | 70 | +3 | 5.82 | 5 | 15.84 | +6.75 | 291 | +62 |
| Dyersburg | 90 | 61 | 75 | +4 | 3.37 | 6 | 13.76 | +4.68 | 393 | +7 |
| Erwin_1W | 88 | 55 | 68 | +4 | 2.53 | 3 | 7.36 | -0.81 | 221 | +10 |
| Huntingdon_Wate | 83 | 52 | 70 | +0 | 2.12 | 4 | 11.03 | +1.74 | 246 | +5 |
| Jackson_AG | 87 | 57 | 74 | +4 | 1.52 | 7 | 8.55 | -1.54 | 371 | +52 |
| Kingston_AG | 89 | 56 | 71 | +5 | 3.48 | 7 | 12.25 | +2.82 | 312 | +132 |
| Knoxville_AP | 85 | 57 | 71 | +4 | 4.09 | 7 | 12.54 | +5.09 | 332 | +114 |
| Lewisburg | 90 | 51 | 71 | +3 | 2.17 | 4 | 12.23 | +2.39 | 247 | +27 |
| Lexington_TN | 87 | 54 | 74 | +5 | 2.03 | 4 | 11.03 | +1.78 | 346 | +222 |
| Linden | 87 | 54 | 72 | +5 | 1.43 | 6 | 10.77 | +0.88 | 282 | +34 |
| Martin | 89 | 51 | 72 | +3 | 3.48 | 5 | 11.93 | +2.55 | 328 | +42 |
| Mc_Minnville_Tn | 87 | 52 | 72 | +4 | 2.73 | 5 | 10.53 | +1.45 | 328 | -20 |
| Memphis_AG | 90 | 60 | 77 | +4 | 0.20 | 1 | 7.82 | -2.16 | 408 | -47 |
| Milan | 87 | 51 | 71 | +2 | 2.60 | 6 | 9.94 | +0.12 | 265 | -19 |
| Murfreesboro_5N | 88 | 51 | 70 | +2 | 5.13 | 6 | 13.46 | +4.09 | 251 | -125 |
| Nashville | 87 | 53 | 72 | +2 | 6.24 | 6 | 13.80 | +4.98 | 350 | +44 |
| Newcomb | 88 | 52 | 67 | +4 | 1.85 | 6 | 8.05 | -1.21 | 214 | +94 |
| Oneida | 85 | 52 | 67 | +3 | 3.00 | 6 | 10.88 | +1.62 | 189 | -90 |
| Pikeville | 89 | 53 | 72 | +4 | 1.63 | 6 | 9.68 | +0.94 | 281 | +61 |
| Portland_TN | 85 | 52 | 69 | +2 | 3.11 | 5 | 11.73 | +2.66 | 271 | +56 |
| Pulaski_Water_P | 91 | 55 | 73 | +3 | 0.86 | 4 | 11.06 | +1.98 | 294 | -29 |
| Savannah_6SW | 93 | 55 | 77 | +7 | 0.33 | 4 | 7.93 | -2.76 | 401 | +140 |
| Sparta_TN | 87 | 55 | 71 | +4 | 3.51 | 6 | 12.38 | +2.92 | 307 | +120 |
| Springfield | 84 | 49 | 68 | +0 | 4.71 | 6 | 13.04 | +4.30 | 260 | +48 |
| Springhill | 86 | 53 | 71 | +4 | 2.32 | 6 | 10.75 | +0.66 | 311 | +95 |
| Union_City | 90 | 53 | 72 | +3 | 5.22 | 5 | 12.99 | +3.74 | 290 | +15 |

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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